

NOVEMBER 1993

# 90's farm House

**Please Reserve Your  
Space For Our  
Holiday Bash  
December 8!  
Details Inside**

**386 Convention Way  
Redwood City 369-3337**



## 1993 CLUB OFFICERS

PRESIDENT	LILY ANNE HILLIS	N6PGM	415-325-5484
VICE-PRESIDENT	ANDY KORSACK	VE3FZK	415-366-5228
SECRETARY	JOHN GOMPERS	WB7TEM	408-879-0541
TREASURER	LILY ANNE HILLIS	N6PGM	415-325-5484
TRUSTEE, W6OTX	FRED CANHAM	K6YT	415-948-9238
PROPERTY/BADGES	FRED CANHAM	K6YT	415-948-9238
REFRESH/CO-PROP	JOHN BUONOCORE	KD6ZL	415-366-1658
ARES OFFICER	LILY ANNE HILLIS	N6PGM	415-325-5484
CLUB HISTORIAN			

## BOARD OF DIRECTORS

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## PAARVGRAPHS STAFF

EDITOR	CHUCK JOHNSON	N6VFH	408-251-8536
MAILING	BILL McELHINNEY	KA6LZI	415-325-9808

## PAARA POLICIES

MEMBERSHIP IN PAARA IS \$6.00 PER CALENDAR YEAR WHICH INCLUDES A SUBSCRIPTION TO PAARVGRAPHS. MAKE PAYMENT TO THE PALO ALTO AMATEUR RADIO ASSOCIATION, P.O. BOX 911, MENLO PARK, CA 94026

CLUB NET 147.45 MHZ MONDAYS 8:30 PM

MEETINGS: 7:30 PM ON THE FIRST FRIDAY OF EACH MONTH AT THE MENLO PARK RECREATION CENTER, 700 ALMA STREET.

SEND PAARVGRAPHS CORRESPONDENCE TO:

CHUCK JOHNSON N6VFH, EDITOR  
3309 MT. LOGAN DRIVE  
SAN JOSE, CA 95127

VOLUME 36

NOVEMBER 1993

## FROM THE EDITOR'S DESK

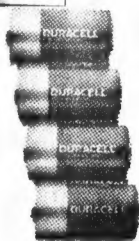
TIME TO MAKE YOUR HOLIDAY  
PARTY PLANS! HOPE TO SEE YOU  
THERE ON DECEMBER 8TH. THE YEAR  
IS RAPIDLY DRAWING TO A CLOSE, SO  
DON'T WAIT TOO LONG! <sup>73</sup>DE YOU'RE EDITOR

## SPEAKER OF THE MONTH

# GARY N6TCF of

## PRESENTS AN

# ELECTRIFYING



# TALK ON BATTERIES!

GET THE LATEST ON THIS CHANGING TECHNOLOGY FROM AN  
INDUSTRY INSIDER!!!

"TENDER LOVE AND CARE OF BATTERIES" or

"ALL YOU WANTED TO KNOW ABOUT HT BATTERIES  
BUT WERE AFRAID TO ASK"

Dinner at Su Hong (at least, until otherwise agreed on) 6PM  
Su Hong is located on El Camino off Ravenswood in Menlo park.  
Meeting at Menlo Park Recreation Center, 700 Alma Street

## MEETING FRIDAY NOV. 5TH <sup>7:30</sup> p.m.

-DE ANDY VE3FZK, PROGRAM CHAIRMAN Via Packet

# THE PREZ SEZ ....

Despite a low turnout  
our auction was a  
huge success. So  
many PAARA  
members showed up  
to help that it's  
impossible to list  
them all here.

**THANKS** to all of  
**you!**



## *REMEMBER!*

Open Home Brew Nite now  
at every meeting. Bring ur  
creations to show-'n-tell  
with the club !

# **PAARA NOMINATIONS SLATE 1994**

The following is our tentative slate of officers & board members for 1994. At the Nov. 5 meeting I will take changes, additions, criticisms & adulations. -DE N6PGM, NOMINATIONS COMMITTEE

**PRESIDENT** - LILY ANNE HILLIS N6PGM  
**VICE PRESIDENT** - ANDY KORSAK VE3FZK  
**SECRETARY** - JOHN GOMPERTS WB7TEM  
**TREASURER** - RON CARMICHAEL KD6RFI  
**TRUSTEE** W6OTX - FRED CANHAM K6YT  
**PROPERTY/BADGES** - FRED CANHAM K6YT  
**ARES OFFICER** - LILY ANNE HILLIS N6PGM  
**CLUB HISTORIAN** - TO BE FILLED  
**BOARD OF DIRECTORS**  
CHUCK JOHNSON N6VFH -- 94-95  
DAN CURRY WB6STW -- 94  
CHRIS REMPEL N6VZD -- 94  
GERALD TUCKER WA6LNV -- 94  
J. GOLDBERG KD6PBH -- 94  
DAVE MEACHAM W6EMD -- 94  
WE HAVE ROOM FOR ANOTHER BOARD MEMBER 94-95

# **welcome !**

**I'D LIKE TO WELCOME THE  
FOLLOWING NEW MEMBERS:**

**RICHARD BRYANT - KD6AWD**

**JOHN V. BELLANTONI - WB1ALZ**

**RICHARD GOLDSTEIN - KA2TMT**

**DE LILY N6PGM**

# READING LIST DE N6VFH

Look for These and Other TAB Books at Your Local Bookstore  
or write to TAB Books, Blue Ridge Summit, PA 17294-0840.



## **FRACTAL MANIA** - Phillip Laplante

Everything you need to create funky fractals on the PC !

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Save time, money and frustration !

## **DISKDOUBLER & AUTODOUBLER, AN ILLUSTRATED TUTORIAL** - Marvin Bryan

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Details on Internet !

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Get PostScript power without paying the PostScript price !

## **HOME REMOTE-CONTROL AND AUTOMATION PROJECTS** - Delton T. Horn

A great intro to home-control systems !

## **AMATEUR RADIO ENCYCLOPEDIA** - Stan Gibilisco

Ham Radio from A to Z !

## **12-VOLT BIBLE FOR BOATS** - Miner Brotherton

12-volt approaches relevant to ham power applications

## **THE COMPLETE HANDBOOK OF AMATEUR RADIO** - Clay Laster W5ZPV

Shows how to build a fully-equipped amateur radio station

# **PAARA VE TEAM QST DE RON W6VG**

OUR VE SESSION OF OCTOBER 16, 1993 IN THE AMPEX CAFETERIA WAS HELD WITH OUR ABLE LEADER, JOE HORNE SR., KB6OWG PRESIDING. ON HAND TO HELP WAS OUR NEW VE, DAN CURRY, WB6STW. BILL SOOMAN WB6UVO IS OUR ESTEEMED CW GIVER OF THE MORSE TESTS, WITH OTHER MEMBERS J.T. CHOPIN WA6BXT, EUGENE IRIZARRY KK6LO, TOM HODGES W6REE, AND RON PANTON W6VG. STEVE STUNTZ K6FS WAS UNABLE TO ASSIST ON THIS DATE. WE GAVE EXAMS TO 24 APPLICANTS, MOST OF WHOM PASSED WITH FLYING COLORS. IT IS REALLY A GOOD FEELING TO BE PUTTING SOMETHING BACK INTO HAM RADIO AFTER 63 YEARS OF ENJOYING IT.

73, FROM RON PANTON W6VG

## **SUNNYVALE VEC TEST HOTLINE**

INCLUDES PAARA VE TEAM  
AMPEX CAFETERIA TEST DATES  
AND LATEST FCC INFORMATION  
**(408)255-9000**

# 90's Farm House

PAARA HOLIDAY PARTY AND  
OFFICER INSTALLATION

WEDNESDAY, DECEMBER 8

CHOICE OF

\* PRIME RIB

\* 1/2 ROASTED CHICKEN

\* CATCH OF THE DAY

\* VEGETARIAN PASTA

**\$18.50**

INCLUDES: SOUP OR SALAD, POTATO OR RICE  
OR VEGETABLE, BREAD, DESSERT, COFFEE OR  
TEA OR MILK. WINE WILL BE PROVIDED BY THE  
CLUB.

NO HOST COCKTAILS 6:00 PM  
DINNER 7:15



PLEASE SEND CHECKS AND MENU CHOICES TO:

PAARA HOLIDAY DINNER  
P.O. BOX 911  
MENLO PARK, CA 94026

OR SEE ME AT THE MEETING...

DEADLINE FOR RESERVATIONS: DECEMBER 3.

\$5.00 MAXIMUM FOR GIFT X-CHANGE  
LABEL FOR YL OR OM.

DOOR PRIZES GALORE  
SEE YOU THERE!

DE LILY N6PGM  
PERENNIAL PARTY  
CHAIRPERSON

386 Convention Way  
Redwood City 369-3337

# QST DE RICH W6APZ

## Curing Battery Saver & Subaudible Tone Delay

de Rich, W6APZ

Since the 523 repeater has implemented sub-audible tone squelch (PL), many stations have been heard saying "monitoring". More specifically, these stations have been *barely* heard. What typically comes through clearly is the word *monitoring* and sometimes part of the station's call. This effect has also been noticed on other PL repeaters.

This is due to two factors. One, the repeater takes several milliseconds to detect the PL before turning on the repeater transmitter. Secondly, most modern HTs are physically smaller which has been accomplished, in part, by smaller battery packs. To enable a smaller battery pack to last an acceptable length of time, these HTs use battery savers. These savers turn on the HT receiver for only a few milliseconds out of every second which reduces the average battery current drain. If a signal is present, the receiver is left on, otherwise, it is turned off again.

When someone keys their microphone, and immediately says "W6ABC Monitoring", the combination of the small delay time in the repeater PL detector and the receiver battery saver act to cut off part or all of the station's call. If your receiver is also using PL decode, add an additional delay time for that circuit to function. The

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variability depends upon when the transmitting station comes on the air compared to the "wake-up-cycle" of the HT battery saver. If the battery saver has just turned on the receiver, the word loss will be minimal. If the battery saver has just turned off the receiver, the amount of the transmission lost will be maximized.

The cure is simply stated, but, from personal experience, not always easy to remember. When making a call on a repeater, push to talk, then wait a second, then state your call slowly and clearly. You will be more likely to receive a response.

## ALLEN AA6DE SILENT KEY

### Obituaries

#### ALLEN GOK LIEU

Allen Gok Lieu, 34, a San Mateo resident for almost his entire life, died after a long illness Friday in Kaiser Permanente Medical Center in Redwood City.

A native of San Francisco, he was an inventory supply clerk with General Electric, a graduate of San Jose State University and a volunteer with the San Mateo County Sheriff's Office search and rescue team. Mr. Lieu was also very involved with ham radio and scanners.

He is survived by his parents, May and Kai of San Mateo; and

two brothers, Donald of Millbrae and Philip of Milpitas.

Services will be at 1 p.m. Tuesday at Sneider & Sullivan Funeral Home, 977 S. El Camino Real, San Mateo, and friends may visit there from 3 to 8 tonight. Burial will be in Woodlawn Memorial Park in Colma.

#### DEATH NOTICES

**LIEU** — In Redwood City, California, October 8, 1993, Allen Gok Lieu, survived by his parents, May and Kai Lieu of San Mateo; brother of Donald Lieu of Millbrae and Philip Lieu of Milpitas. A native of San Francisco; aged 34 years. Graduate of San Jose State University; involved with ham radio and scanners; volunteer for San Mateo County Sheriff's Dept. Search & Rescue.

Funeral services will be held at the Sneider & Sullivan Funeral Home, 977 South El Camino Real, San Mateo on Tuesday, Oct. 12 at 1 p.m. Friends may call today, 3 to 8 p.m. Interment, Woodlawn Cemetery, Colma.

FROM: SAN MATEO TIMES



# HAM RADIO OUTLET

WORLDWIDE DISTRIBUTION

**OAKLAND, CA 94606**  
2210 Livingston St.  
(510) 534-5757  
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Phone Hours: 9:30 AM to 5:30 PM  
Store Walk-In Hours:  
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So. from Hwy. 101

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**Bob Ferraro W6RJ**  
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224 N. Broadway  
(603) 896-3750  
(800) 444-0047  
Chris. KIMB. Mgr.  
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28 mi. N. of Boston

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### DJ-580T

2M/440 Dual Band  
40 Mem Channels  
DSQ, Dual Display  
CTCSS Enc/Dec Built-in  
Cross Band Full Duplex

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SPECIAL  
LOW PRICE**

## YAESU

### HANDHELDS



FT-416  
Black/Storm  
Gray Available

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2 Mtr 440 Mhz  
2W 2M/2W 440  
5W optional  
Direct DC input  
Built-in VOX, 41 Mem.  
DTMF paging, CTCSS built-in

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2M HT  
Standard 2.5W; 49 Mem  
2m/140 to 174 Mhz  
EXTENDED RECEIVE

## KENWOOD

### TS-50S

HF Transceiver



World's smallest HF transceiver  
100W out, SSB, CW, AM, FM, 12V  
Gen. Cov. RX, 6.4 lbs., 7.16 x 2.4 x 9.32"  
105 db dynamic range, 100 Mem.  
Optional external ant. tuners available  
**CALL FOR SPECIAL LOW PRICE!**

## ICOM

### HANDHELDS



IC-2GAT  
2 Meter HT • 7 Watt  
IC-D1A  
2M/440/1.2 Tri-Band  
IC-W2A/IC-X2A  
IC-W21AT, 2M/440  
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IC-P2AT, 2 Meter  
IC-P3AT, 220 Mhz  
IC-P4AT, 440 Mhz  
IC-24AT, Duo Band  
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## ALINCO

### DR-600T

2M/440 FM Transceiver



45W/35W + Airband RX  
Detachable/Removable Head  
Keyboard freq. entry from microphone!  
**CALL FOR SPECIAL PRICE**

## YAESU

### FT-990



100W HF Gen Cov Transceiver  
DDS, QSK • 500Hz CW Filter included  
**CALL FOR LOW PRICE**

## KENWOOD

### HANDHELDS



TH-28A  
2M/2.5W DTSS  
240 Mem. w/optional  
mem. unit  
UHF RX

TH-48A  
440/1.5W DTSS  
240 Mem. w/optional  
mem. unit  
2 MTR RX

TH-225A  
2 MTRS/5W  
TH-315A  
220MHz/2.5 W

**CALL  
FOR  
GREAT  
PRICES**

## ICOM

### IC-737

HF Transceiver



12V 100W w/auto Ant. Tuner  
Built-in Gen Cov. RX, 101 Mem.  
DDS, QSK, Passband tuning  
**Priced So Low, We Can't Print It!  
Call For Your Low Discounted Price!**